



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

**D3139-1**

**Job Sheet 173559**



Part No: D3139-1

Job Qty: 6 ea

Part Name: Guard



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/5/18

Job Tracking No:

Due Date: 3/26/18

Created By: Diane Baker

Type: Stock

Description:

Note: DWG REV C IPP Rev. A New Issue Form In-house 10/11/19 DL ver:DD IPP Rev. B Water jet Added 10/11/24  
DL IPP Rev C 14/01/20 Change QC2 to QC6 DL

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation  | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off    |
|-------|------------|-------|------------|----------|-----------|---------|-----------------------|-----------|-------------|
|       |            |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |             |
| 110   | Purchasing | 6 pcs |            | 3/26/18  | 0.00      | 0.00    | Purchasing            |           | AT 18/03/16 |
| 140   | Packaging  | 6 pcs |            | 3/26/18  | 0.00      | 0.00    | Packaging2            |           | AT 18/03/16 |
| 150   | QC         | 6 pcs |            | 3/26/18  | 0.00      | 0.00    | QC6                   |           | 38          |
| 170   | Packaging  | 6 pcs |            | 3/26/18  | 0.00      | 0.00    | Packaging3            |           | MAR 20 2018 |
| 180   | QC21-SA    | 6 Ea  |            | 3/26/18  | 0.00      | 0.00    | QC21                  |           | MAR 20 2018 |

Part Op 140 - Receive & Inspect for Damage & Mat'l Certs  
Descriptions: 150 - QC6- All purchased or subcontracted products  
170 - Identify as per dwg & Stock Location:  
180 - QC21- Final Inspection - Work Order Release

### Job BOM

| Part / Item | Component Name | Quantity     | Operation      | Container |
|-------------|----------------|--------------|----------------|-----------|
| D3139-1P    | Guard          | 6 pcs (1 ea) | 110-Purchasing | 5052368   |

### Job Allocations

| Operation      | Component Part | Required | Inventory | Allocated |
|----------------|----------------|----------|-----------|-----------|
| 110-Purchasing | D3139-1P       | 6        | 0         | 0         |

### Part Specifications

| Spec No | Description | Target/Tolerance                  | Limits         | Type | Special Comments |
|---------|-------------|-----------------------------------|----------------|------|------------------|
| 1       | Guard       | 0.098inches<br>+ 0.004<br>- 0.001 | 0.102<br>0.097 |      |                  |
| 2       | Guard       | 0.500inches ± 0.010               | 0.510<br>0.490 |      |                  |
| 3       | Guard       | 2.060inches ± 0.030               | 2.090<br>2.030 |      |                  |
| 4       | Guard       | 3.710inches ± 0.030               | 3.740<br>3.680 |      |                  |
| 5       | Guard       | 0.400inches ± 0.010               | 0.410<br>0.390 |      |                  |
| 6       | Guard       | 2.600inches ± 0.010               | 2.610<br>2.590 |      |                  |

Container No. 000-001



Guard

Guard

PART NO: D3139-1

Serial No/Batch: S052372

Revision:

Operation: Packaging

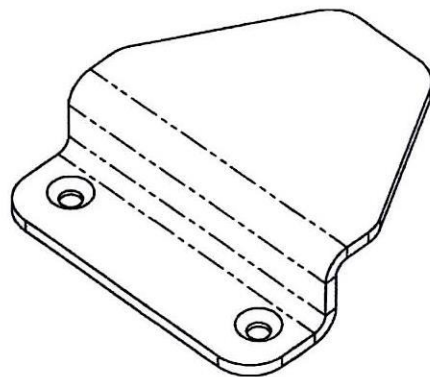
Change No:

## Packaging

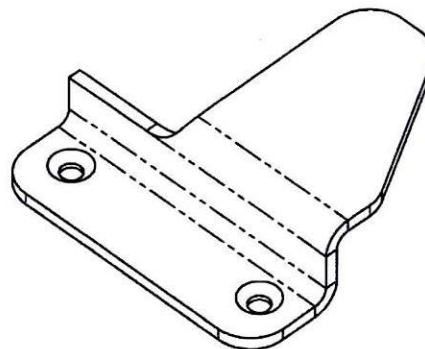
Mfg Date: 03/16/18  
Job No: 173559

|   |       |                     |                |
|---|-------|---------------------|----------------|
| 7 | Guard | 3.000inches ± 0.030 | 3.030<br>2.970 |
| 8 | Guard | 0.125inches ± 0.010 | 0.135<br>0.115 |

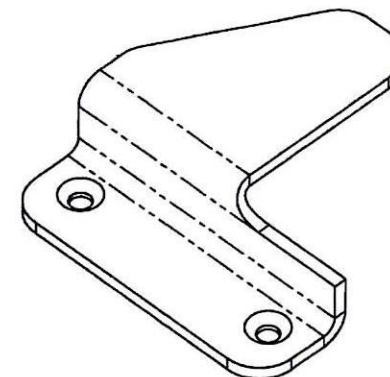
Plex 3/5/18 8:39 AM dart.baker.diane



**D3139-1 GUARD**  
(REPLACES PREMIER P/N B30-23000-237/-238)



**D3139-3 GUARD**  
(REPLACES PREMIER P/N B30-23000-239)

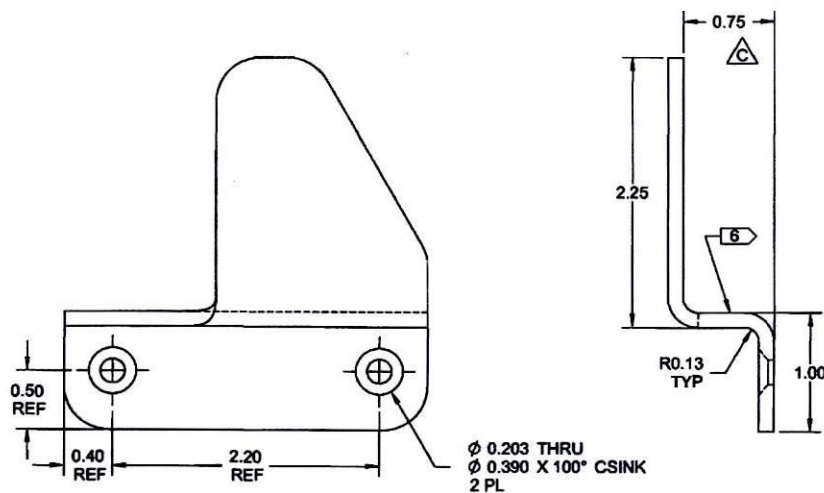


**D3139-4 GUARD**  
(REPLACES PREMIER P/N B30-23000-240)

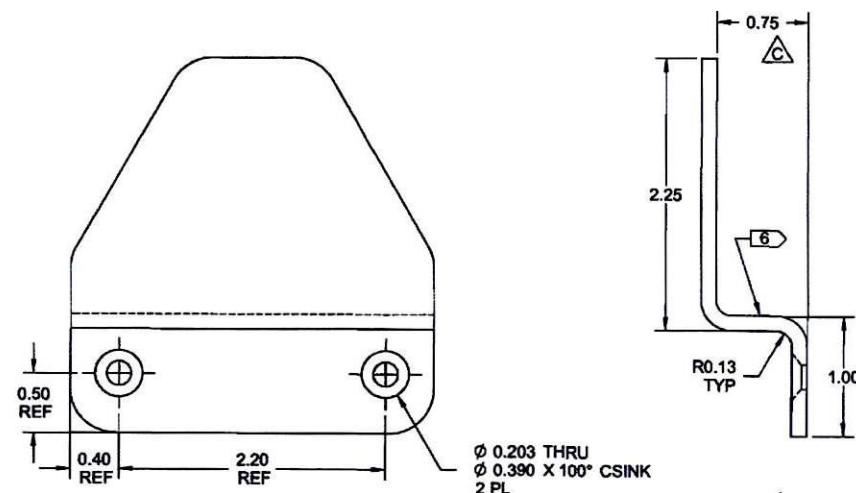
**RELEASED**  
2011-02-18  
*[Signature]*

|            |                                                                                                                       |                                                                                                                                                                                                                                                                                       |              |
|------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| C          | UPDATED TO CURRENT STD; CREATED D3139-1/-3 FLAT PATTERNS (SHT 3); 0.75 WAS 0.70 (B5-2, D1-2, D5-2).<br>REF. CAR10-28. | MB                                                                                                                                                                                                                                                                                    | 11.01.07     |
| B          | ADD PART MARKING                                                                                                      | RF                                                                                                                                                                                                                                                                                    | 04.10.18     |
| A          | NEW ISSUE                                                                                                             | RF                                                                                                                                                                                                                                                                                    | 02.04.19     |
| REV.       | DESCRIPTION                                                                                                           | BY                                                                                                                                                                                                                                                                                    | DATE         |
| DESIGN     | <i>[Signature]</i>                                                                                                    | <b>DART AEROSPACE LTD</b>                                                                                                                                                                                                                                                             |              |
| DRAWN      | <i>[Signature]</i>                                                                                                    | HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                                                           |              |
| CHECKED    | <i>[Signature]</i>                                                                                                    | DRAWING NO.                                                                                                                                                                                                                                                                           | REV. C       |
| MFG. APPR. | <i>[Signature]</i>                                                                                                    | D3139                                                                                                                                                                                                                                                                                 | SHEET 1 OF 3 |
| APPROVED   | <i>[Signature]</i>                                                                                                    | TITLE                                                                                                                                                                                                                                                                                 | SCALE        |
| DE APPR.   | <i>[Signature]</i>                                                                                                    | GUARD                                                                                                                                                                                                                                                                                 | NTS          |
| DATE       | 11.01.07                                                                                                              | <small>COPYRIGHT © 2002 BY DART AEROSPACE LTD<br/>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> |              |

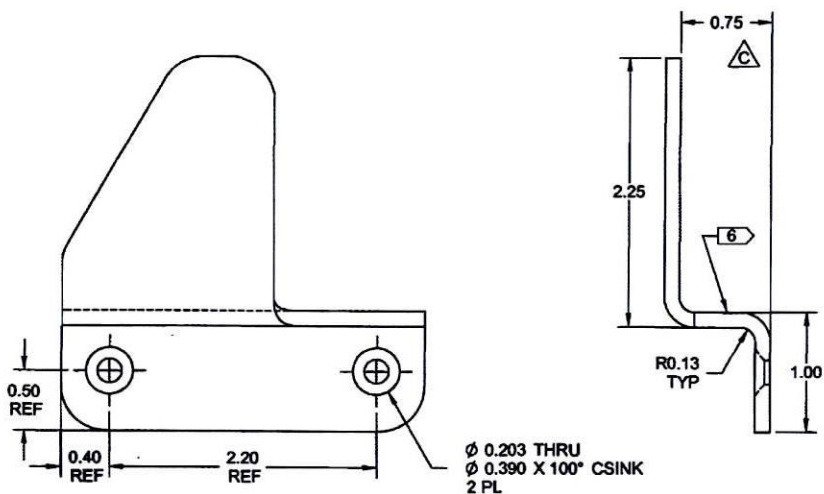
8 7 6 5 4 3 2 1



**D3139-3 GUARD**  
(MAKE FROM D3139-3F)



**D3139-1 GUARD**  
(MAKE FROM D3139-1F)



**D3139-4 GUARD**  
(MAKE FROM D3139-3F)

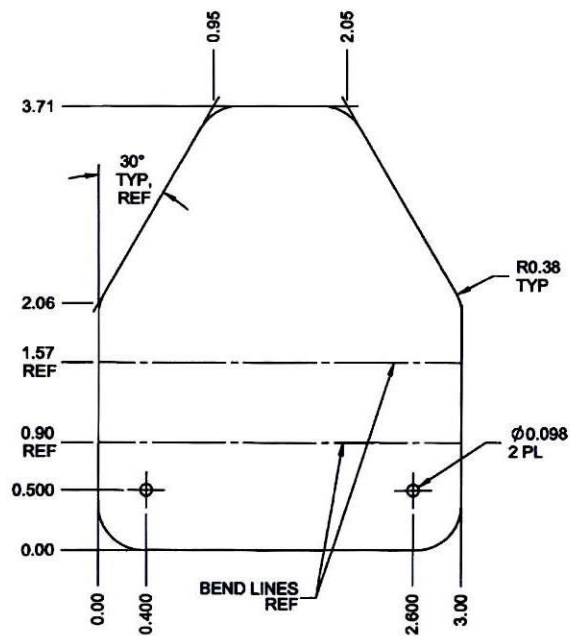
**RELEASED**  
2011-02-18

- NOTES:  
1) MATERIAL: PER D3139-1F/3F  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: WITH DART P/N "D3139-X" AND B/N "BXXXXX"  
PER QSI 044 6.1 (FINE POINT MARKER)  
7) WEIGHT: 0.05 lbs

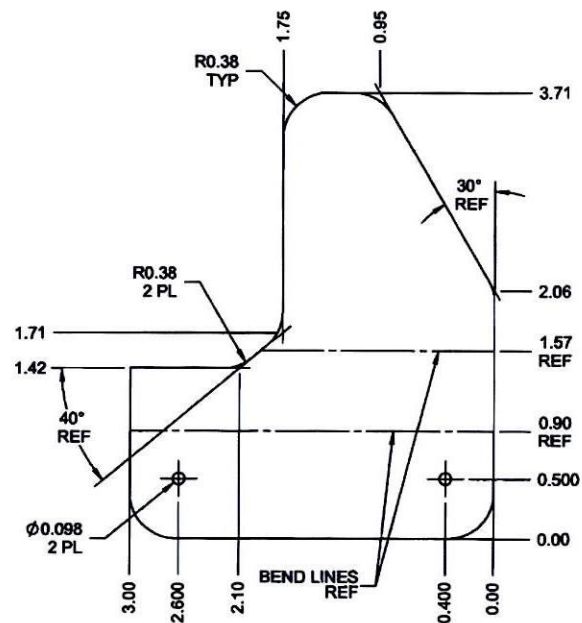
|            |          |                                                                                                                                                                                                                                                                                        |              |
|------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DESIGN     |          | <b>DART AEROSPACE LTD</b>                                                                                                                                                                                                                                                              |              |
| DRAWN      |          | HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                                                            |              |
| CHECKED    |          | DRAWING NO. <b>D3139</b>                                                                                                                                                                                                                                                               | REV. C       |
| MFG. APPR. |          |                                                                                                                                                                                                                                                                                        | SHEET 2 OF 3 |
| APPROVED   |          | TITLE <b>GUARD</b>                                                                                                                                                                                                                                                                     | SCALE        |
| DE APPR.   |          |                                                                                                                                                                                                                                                                                        | NTS          |
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8 7 6 5 4 3 2 1





**D3139-1F GUARD FLAT PATTERN**



**D3139-3F GUARD FLAT PATTERN**

**RELEASED**  
2011-02-18

**NOTES:**

- 1) MATERIAL: 9034 CLEAR LEXAN SHEET (SMOOTH TEXTURE), 0.125" THICK  
REF. DART SPEC. MLEXS.125-9034-01
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.015 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.05 lbs

|                                                                                                                                                                                                                                |              |                                        |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------|--------------|
| DESIGN                                                                                                                                                                                                                         | <del>1</del> | <b>DART AEROSPACE LTD</b>              |              |
| DRAWN                                                                                                                                                                                                                          | <del>3</del> | HAWKESBURY, ONTARIO, CANADA            |              |
| CHECKED                                                                                                                                                                                                                        | <del>1</del> | DRAWING NO.                            | REV. C       |
| MFG. APPR.                                                                                                                                                                                                                     | <del>1</del> | D3139                                  | SHEET 3 OF 3 |
| APPROVED                                                                                                                                                                                                                       | <del>1</del> | TITLE                                  | SCALE        |
| DE APPR.                                                                                                                                                                                                                       | <del>1</del> | GUARD                                  | NTS          |
| DATE                                                                                                                                                                                                                           | 11.01.07     | COPYRIGHT © 2002 BY DART AEROSPACE LTD |              |
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Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER PO039191

**Supplier:** PLA002-VC  
Plas-Tech  
115 Applewood Crescent  
Concord  
ON  
L4K 5C1 Canada  
Phone: 416-736-0004  
Fax: 416-736-0010

**PO No:** PO039191  
**PO Date:** 3/5/18  
**Due Date:** 3/19/18  
**Purchase Order  
Revision:**  
**Revision Date:**  
**Ship-To Contact:** Phone:

**Via:** Ground  
**Pynt Terms:** Net 60  
**Freight Terms:**  
**Special Comments:**

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

*copy*  
**E-MAILED**  
MAR 05 2018

| Items                      |          |                  |         |                                     |        |          |                |                   |         |                  |                |
|----------------------------|----------|------------------|---------|-------------------------------------|--------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item                  | Part     | Supplier Part No | Item No | Description                         | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
| 1                          | D3139-1P |                  |         | Guard<br>As per Dwg D3139<br>Rev. C | Firmed | 3/19/18  | 6 pcs          | 0 pcs<br>6x       | 6 pcs   | \$40.00/pcs      | \$240.00       |
| Line Item Note job# 173559 |          |                  |         |                                     |        |          |                |                   |         |                  |                |
| 2                          | D3139-4P |                  |         | Guard<br>receive pcs                | Firmed | 3/19/18  | 5 Ea           | 0 Ea<br>5x        | 5 Ea    | \$40.00/Ea       | \$200.00       |
| Line Item Note job# 173560 |          |                  |         |                                     |        |          |                |                   |         |                  |                |
| 3                          | D3139-3P |                  |         | Guard<br>As Per Dwg D3139<br>Rev. C | Firmed | 3/19/18  | 3 pcs          | 0 pcs<br>3x       | 3 pcs   | \$40.00/pcs      | \$120.00       |
| Line Item Note job# 173561 |          |                  |         |                                     |        |          |                |                   |         |                  |                |
| <b>Grand Total:</b>        |          |                  |         |                                     |        |          |                |                   |         | <b>\$560.00</b>  |                |

## Order Notes

*rec'd AP 18/03/16*

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

### Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

*copy*  
**WRB**



# Certificate Of Conformance



Customer: DART AEROSPACE LTD P.O. # 39191 SO # 022540

|             |          |                |         |         |         |
|-------------|----------|----------------|---------|---------|---------|
| Part #      | D3139-1P | Qty.           | 6       | Batch # | -001    |
| Description | GUARD    | Material usage | OFF CUT | Lot#    | 5587222 |
| Part #      | D3139-4P | Qty.           | 5       | Batch # | -002    |
| Description | GUARD    | Material usage | OFF CUT | Lot#    | 5587222 |
| Part #      | D3139-3P | Qty.           | 3       | Batch # | -003    |
| Description | GUARD    | Material usage | OFF CUT | Lot#    | 5587222 |
| Part #      |          | Qty.           |         | Batch # |         |
| Description |          | Material usage |         | Lot#    |         |
| Part #      |          | Qty.           |         | Batch # |         |
| Description |          | Material usage |         | Lot#    |         |
| Part #      |          | Qty.           |         | Batch # |         |
| Description |          | Material usage |         | Lot#    |         |
| Part #      |          | Qty.           |         | Batch # |         |
| Description |          | Material usage |         | Lot#    |         |
| Part #      |          | Qty.           |         | Batch # |         |
| Description |          | Material usage |         | Lot#    |         |

Note: All parts are not identified as meeting QSI044.

By: AS  
(Approved QA Signatory)

Date: MARCH 15, 2018 COFC # 042

Page: 1 of 1

Plas-Tech Inc. 115 Applewood Cres. Concord, Ontario L4K 5C1 Tel: (416) 736-0004 Fax: (416) 736-0010

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